

UN-CMS510

Central Management System



Features

- Centralized management system designed for large-scale and industrial applications. It enhances hardware performance and provides centralized video monitoring, access control, video intercom, alarm controller, POS, radar and AI features such as face recognition, automatic number plate recognition (ANPR), People Counting, Object Detection and video metadata.
- Manage devices such as network camera, network PTZ camera, NVR, DVR, access controller, video intercom, SOS, alarm controller, Video wall and decoder.
- Supports edge storage and central storage, Extend storage via iSCSI.
- Face Recognition: Supports searching the face database or snapshot records for target faces by uploading a face image, Supports face database management.
- Face watch list management: Add faces one by one, Import faces from personnel list in batches, Send face watch list to face recognition devices, and configure similarity.
- Video Metadata: Search for targets classified by people, vehicle and non-motor vehicle.
- Video Intercom: Displays video intercom information: Device name, type, and number, Call VTH, VTO, and SOS
- Alarm Center: Alarm subscription, Offline notification push, Search for alarm messages by category, Claim and handle alarm messages, Search for history alarm message.
- Support Display Line View and Play Back: Common layout (1, 4, 6, 8, 9, 13, 16, 20, 25, 36, 64) and customized layout.
- Map: Support Google online map, Google offline map and raster map, GIS map, Up to 8-level sub map, Configure hot spots (camera, alarm input, access control channel) and sub maps on the map, View the live or recorded video on the map.
- Maintenance Center: Overview and system information details, Server running status: CPU, RAM, disk, network and service, Device online status: Encoder, ITC, access control, video intercom, alarm controller, emergency, radar, video control and LED.

Specification

Code	UN-CMS510
Device to Use	
Supported Devices	IP Camera, PTZ, NVR, DVR, Network Storage, Network Keyboard, TV Wall Controller, Access Control, SOS, LPR Device, Face Recognition Device.
Management Devices	Max 1000
Management Channels	Max 2000
LPR Device	500 channels
Face Recognition Device	500 channels
Video Metadata	500 channels
Access Control	500 channels, 1,000 doors
VDP, Intercom, SOS	2,000 channels
Alarm Controller	100 devices; 500 zones
Transmission Server & Storage	
Total Incoming Bandwidth	600 Mbps
Total Outgoing Bandwidth	600 Mbps
Total Storage Bandwidth	600 Mbps
Number of Sub Servers	Up to 10
Maximum Capacity	200 TB per Server
Performance Specification	
Roles (User Permissions)	100
Users	200 online users and 2,500 total users
Number of Map	8 hierarchies, 256 Raster Maps, 32 Submaps
Live view & Playback	
Video Display Split	Common layout (1, 4, 6, 8, 9, 13, 16, 20, 25, 36, 64) and customized layout. Up to 4 live view tabs.
Play back	Play back video recordings from devices or central storage., Common layout (1, 4, 6, 8, 9, 13, 16, 20, 25, 36, 64) and customized layout, Slow and fast forward (up to 64X and 1/64X).
Export file format	DAV/AVI/MP4/ASF
System And OS	
Hardware Requirement	CPU: Intel Xeon Silver 4114@ 2.2GHz 10 Core Processor Memory: 16GB
OS	Windows Server 2008 (64-bit)/Windows Server 2012(64-bit)/ Windows Server 2016 (64-bit)/Windows Server 2019 (64-bit)/Windows 10 (64 bit)
Smart Phone	Android, IOS
Languages	Chinese (Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Thai, Vietnamese

